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data storage system performance optimization

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The HP AutoRAID Hierarchical Storage System - *hpc.met [#DF]

J WILKES, R GOLDING, C STAELIN, TIM SULLIVAN - ACM Transactions on Computer Systems, 1996 - portal acm.org

... ACM Transactions on Computer Systems, Vol ... as a virtual device inside the array

controller: their storage is freely ... in a LUN must contain valid data—if nothing ...

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An overview of data warehousing and OLAP technology - *microsoft.com (*DF)

S Chaudhuri, U Dayal - ACM SIGMOD Record, 1997 - portal.acm.org

 ${\bf ...}$ are inappropriate for decision support ${\bf systems}$ where efficiency ${\bf ...}$ Having summary ${\bf data}$

on these parameters can ... update, and upper bounds on storage requirements. ...

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Performance analysis of several back-end database architectures

RB Hagmann, D Ferrari - ACM Transactions on Database Systems (TODS), 1986 - portal acm.org

... a tile system write to gain efficiency), lack of fast, stable storage (any data

that must ... a crash or power failure ACM Transactions on Databeae Systems, Vol ...

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Design and performance tradeoffs in clustered video servers - **** [PDF]

A Tewari, R Mukherjee, DM Dias, HM Vin - Multimedia Computing and Systems, 1995., Proceedings of the ..., 1995 - leeexplore leee.org

... 3 describes an analytical model of the **system**, which is ... or delivery) nodes and (ii)

back-end (or storage) nodes ... Back-end nodes store the data across their local ...

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E AKARSU, G FOX, T HAUPT - Concurrency: Pract. Exper, 1998 - doi.wiley.com

... as recommended by the High Performance Debugging Forum[10 ... to integrate the DARP system

with other ... such as computationallibraries, data storage systems, or other ...

Oited by 16 - Related articles - Web Search - GL Direct - All 7 versions

MF Jacome, G de Veciana - IEEE DESIGN & TEST OF COMPUTERS, 2000 - doi.ieeecs.org

... well as internal data storage requirements (ie ... datapath and memory system configurations

are ... machine-independent" powerful performance-enhancing transformations ...

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E Rahm - ACM Transactions on Database Systems (TODS), 1993 - portal acm.org

... these problems, since no physical data allocation needs ... message-oriented storage

devices that communicate with ... both approaches in a locally distributed system, ...

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Demand-driven service differentiation in cluster-based networkservers - ***Control of the control of the contro

H Zhu, H Tang, T Yang - INFOCOM 2001. Twentieth Annual Joint Conference of the IEEE ..., 2001 - leeexplore leee.org

... as architecture design and performance optimization [1], [2 ... Section V reports our

performance studies. ... re- side in some data storage systems directly attached ...

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RAID controller system utilizing front end and back end caching systems including communication path ...

RS Mason Jr - US Patent 5,884,098, 1999 - freepatentsonline.com

... Variations of this basic system are possible, and contemplated ... 3 is a data storage map illustrating an example RAID ... 5 data set including three data disks and ...

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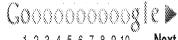
DMA controller of a RAID storage controller with integrated XOR parity computation capability ...

BK Herbert - US Patent 6,151,641, 2000 - freepatentsonline.com

... request to optimize data retrieval and data storage to disk ... transfers the reconstructed data to the host system. ... performed in parallel with the data transfer at ...

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Key authors: S Chaudhuri - J Han - U Dayal - M Kamber - J Wilkes



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